



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Robert S. Whitehouse
Serial No. : 10/783,995
Filed : February 20, 2004
Title : PHA BLENDS

Art Unit : 1632
Examiner : Unknown

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Applicants submit references AY-AQQQ listed on the attached form PTO-1449.

Reference "AZ" is a non-English language document. Pursuant to MPEP § 609, Applicants submit an English language abstract corresponding to U.S. Patent 5,821,297 (an English language equivalent patent document) to fulfill the requirement for a concise explanation of relevance for non-English language document "AZ." References "ABB" and "ACC" also are non-English language documents. Pursuant to MPEP § 609, Applicants submit English language abstracts to fulfill the requirement for a concise explanation of relevance for non-English language documents "ABB" and "ACC."

Applicants submit a copy of commonly owned, copending United States Application entitled "PHA Adhesive Compositions," filed on February 20, 2004 and assigned Serial No.: 10/783,958.

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

June 22, 2004
Date of Deposit

Denise A. Rose
Signature

Denise A. Rose
Typed or Printed Name of Person Signing Certificate

Applicant : Robert S. Whitehouse
Serial No. : 10/783,995
Filed : February 20, 2004
Page : 2 of 2

Attorney's Docket No.: 14074-014001

This statement is being filed before the receipt of a first Office action on the merits.
Please apply any charges or credits to Deposit Account No. 06-1050, referencing Attorney
Docket Number 14074-014001.

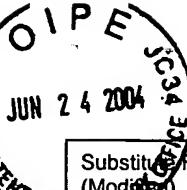
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Sheet 1 of 4

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| Substitute Disclosure Form PTO-1449 (Modified) | | U.S. Department of Commerce Patent and Trademark Office | Attorney's Docket No. 14074-014001 | Application No. 10/783,995 |
| Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b)) | | Applicant | Robert S. Whitehouse | |
| | | Filing Date | Group Art Unit | |
| | | February 20, 2004 | 1632 | |

| U.S. Patent Documents | | | | | | | |
|-----------------------|-----------|-----------------|------------------|-------------------|-------|----------|----------------------------|
| Examiner Initial | Desig. ID | Document Number | Publication Date | Patentee | Class | Subclass | Filing Date If Appropriate |
| | AA | US 2002/0068810 | 06/06/2002 | Whitehouse et al. | | | |
| | AB | Re. 36,548 | 02/01/2000 | Noda | | | |
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| | AX | 6,365,680 | 04/02/2002 | Edgington et al. | | | |

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| Examiner Signature | Date Considered |
| EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | |

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| | | Filing Date February 20, 2004 | Group Art Unit 1632 | |

| Foreign Patent Documents or Published Foreign Patent Applications | | | | | | | |
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| Examiner Initial | Desig. ID | Document Number | Publication Date | Country or Patent Office | Class | Subclass | Translation Yes <input type="checkbox"/> No <input type="checkbox"/> |
| | AY | 0 609 713 A1 | 08/10/1994 | Europe | | | |
| | AZ | DE 9304018 (Abstract Only) | 10/13/1998 | Germany | | | |
| | AAA | GB 2 136 003 A | 09/12/1984 | United Kingdom | | | |
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| | AGG | WO 02/05581 A3 | 07/18/2002 | WIPO | | | |

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| Examiner Initial | Desig. ID | Document |
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| | AII | Blümm et al., "Miscibility, crystallization and melting of poly(3-hydroxybutyrate)/poly(L-lactide) blends", <i>Polymer</i> , Vol. 36, No. 21, pp. 4077-4081 (1995) |
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| | AQQ | Fujita et al., "Miscibility Between Natural Rubber and Tackifiers. I. Phase Diagrams of the Blends of Natural Rubber with Rosin and Terpene Resins", <i>J. Appl. Poly Sci.</i> , Vol. 64, No. 11, pp. 2191-2197 (1997) |

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| | AUU | Hay et al., "Crystallisation of poly(3-hydroxybutyrate)/polyvinyl acetate blends", <u>Polymer</u> , Vol. 41, pp. 5749-5757 (2000) |
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| | AXX | Iwata, "Role of entanglement in crystalline polymers 1. Basic theory", <u>Polymer</u> , Vol. 43, pp. 6609-6626 (2002) |
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| | AGGG | Paul et al., "New nanocomposite materials based on plasticized poly(L-lactide) and organo-modified montmorillonites: thermal and morphological study", <u>Polymer</u> , Vol. 44, pp. 443-450 (2003) |
| | AHHH | Qiu et al., "Melting behaviour of poly(butlenes succinate) in miscible blends with poly(ethylene oxide)", <u>Polymer</u> , Vol. 44, pp. 3095-3099 (2003) |
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| | ALLL | Willett et al., "Processing and properties of extruded starch/polymer foams", <u>Polymer</u> , Vol. 43, pp. 5935-5947 (2002) |

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